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0597 #5/645



PCT10

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/081,418

DATE: 03/12/2002

TIME: 10:02:19

Input Set : A:\428-1014.txt

Output Set: N:\CRF3\03122002\J081418.raw

3 <110> APPLICANT: HAHM, Kyung-Soo  
4 LEE, Dong Gun  
5 PARK, YoonKyung  
6 KIM, Hee Nam  
8 <120> TITLE OF INVENTION: Novel peptides with increased + charge and hydrophobicity by  
9 substituting one or more amino acids of CA-MA peptide and  
10 pharmaceutical compositions containing thereof  
12 <130> FILE REFERENCE: 428.1014  
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/081,418  
C--> 14 <141> CURRENT FILING DATE: 2002-02-22  
14 <160> NUMBER OF SEQ ID NOS: 2  
16 <170> SOFTWARE: KopatentIn 1.71  
18 <210> SEQ ID NO: 1  
19 <211> LENGTH: 20  
20 <212> TYPE: PRT  
21 <213> ORGANISM: Artificial Sequence  
23 <220> FEATURE:  
24 <223> OTHER INFORMATION: CA-MA peptide made by fusing 1-8 amino acid of secropin A and  
25 1-12 amino acid of magainin 2  
28 <400> SEQUENCE: 1  
29 Lys Trp Lys Leu Phe Lys Lys Ile Gly Ile Gly Lys Phe Leu His Ser  
30 1 5 10 15  
32 Ala Lys Lys Phe  
33 20  
36 <210> SEQ ID NO: 2  
37 <211> LENGTH: 20  
38 <212> TYPE: PRT  
39 <213> ORGANISM: Artificial Sequence  
41 <220> FEATURE:  
42 <223> OTHER INFORMATION: peptide with increased + charge and hydrophobicity by  
43 substituting amino acids of SEQ. ID. NO 1 with lysine and leucine  
46 <400> SEQUENCE: 2  
47 Lys Trp Lys Lys Leu<sup>x</sup> Leu<sup>x</sup> Lys Lys Pro<sup>✓</sup> Pro<sup>✓</sup> Pro<sup>✓</sup> Leu<sup>x</sup> Leu<sup>x</sup> Lys Lys Leu<sup>x</sup>  
48 x 1 ✓ 5 ✓ 10 ✓ 15  
50 Leu Lys Lys Leu<sup>x</sup>  
51 20

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/081,418

DATE: 03/12/2002

TIME: 10:02:20

Input Set : A:\428-1014.txt

Output Set: N:\CRF3\03122002\J081418.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date